

Name: \_\_\_\_\_

Date: \_\_\_\_\_

## FOIL and Factor pop quiz (version 25)

FOIL the expressions shown below:

1.  $(x + 8)(x - 3)$

$$x^2 + 5x - 24$$

2.  $(x - 6)(x + 7)$

$$x^2 + x - 42$$

3.  $(x - 1)(x - 7)$

$$x^2 - 8x + 7$$

4.  $(x + 2)(x + 6)$

$$x^2 + 8x + 12$$

5.  $(x + 2)(x - 8)$

$$x^2 - 6x - 16$$

**Factor the expressions shown below:**

6.  $x^2 - 6x + 5$

$$(x - 5)(x - 1)$$

7.  $x^2 - 2x - 24$

$$(x - 6)(x + 4)$$

8.  $x^2 - 9x + 14$

$$(x - 2)(x - 7)$$

9.  $x^2 + 11x + 24$

$$(x + 3)(x + 8)$$

10.  $x^2 + 16x + 63$

$$(x + 7)(x + 9)$$